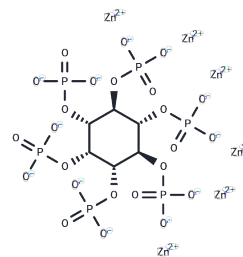


Zinc Phytate

Chemical Properties

CAS No. :	63903-51-5
Formula:	C ₆ H ₆ O ₂₄ P ₆ Zn ₆
Molecular Weight:	1040
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Zinc Phytate, present in food, plays a crucial role in human nutrient absorption.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble) H ₂ O: < 1 mg/mL (insoluble) 0.1 M HCl: < 1 mg/mL (insoluble) 10% Formic acid: 20.8 mg/mL (20 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9615 mL	4.8077 mL	9.6154 mL
5 mM	0.1923 mL	0.9615 mL	1.9231 mL
10 mM	0.0962 mL	0.4808 mL	0.9615 mL
50 mM	0.0192 mL	0.0962 mL	0.1923 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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